# **JDPC.001** Jaga Dynamic Product Controller

- only vor 2-pipe system
- 1 JDPC.001 per unit, otherwise the warranty is no longer valid.

Installation / user guide

Briza JDPC.BRC4 / JDPC.BRC6 Jaga Dynamic Product Controller with control panel

Briza JDPC.BRC3 Jaga Dynamic Product Controller

Read this manual carefully before installation and follow the instructions.

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# BRIZA JDPC.001 Dynamic Product Controller, mounting control panel

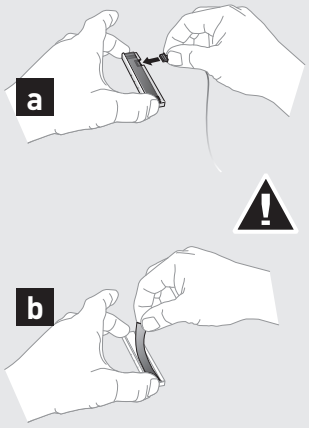
## Control panel mounting

Clean the surface on which the panel is mounted.

**a.** plug in the control panel

**b.** remove the protective film from the tape

**c.** attach the control panel using the tape



# BRIZA JDPC.BRC3 Dynamic Product Controller, heating and cooling.
# With room-temperature sensor and water-temperature sensor

Basic settings JDPC.001: MODE C

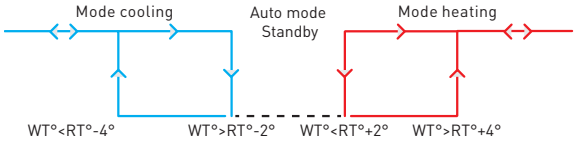
Configuration code: see the product label on the device

## Setup and operation

The module is factory assembled and tested according to the product configuration.

**Basic settings water temperature set point:**

**Operation:**

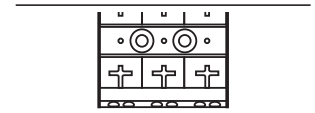



WT° = water temperature
RT° = room temperature

❄ Fan start when supply water T° <19°C

🔥 Fan start when supply water T° >32°C

## Connecting



Not connected | BLUE -24V

RED +24V

| Manually adjusting settings: | | Page |
|---|---|---|
| Adjusting fan speed | Table 1A: fan speed | 6 |
| Adjusting water temperature set point | Table 2: adjusting min. water temperature heating | 7 |
| | Table 3: adjusting max. water temperature cooling | |

# BRIZA JDPC.BRC4 Dynamic Product Controller with control panel, heating.
# With room-temperature sensor and water-temperature sensor

Basic settings JDPC.001: MODE C

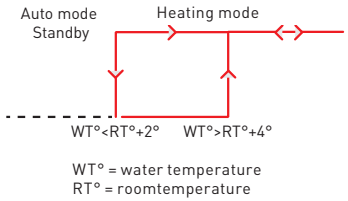
Configuration code: see the product label on the device

## Setup and operation

The module is factory assembled and tested according to the product configuration.

**Basic settings water temperature set point:**

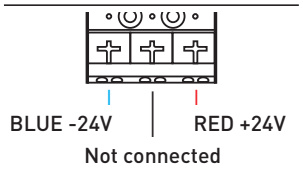
**Operation:**




WT° = water temperature
RT° = roomtemperature

Fan start when supply water T° >32°C

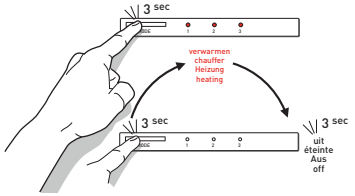
## Connecting




| Manually adjusting settings: | | Page |
|---|---|---|
| Adjusting fan speed | Table 1B: fan speed | 6 |
| Adjusting water temperature set point | Table 2: adjusting min. water temperature heating | 7 |

## Put the controller in the desired mode with the control panel

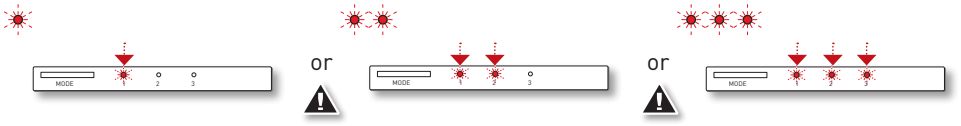
Press button until the desired mode is reached (± 3 sec.)




## How to use

• Speed 1 • • Speed 2 • • • Speed 3

## Water temperature < 32°: Leds flashing every 3"



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# BRIZA JDPC.BRC6 Dynamic Product Controller with control panel, heating and cooling
## With room-temperature sensor and water-temperature sensor

Basic settings JDPC.001: MODE C

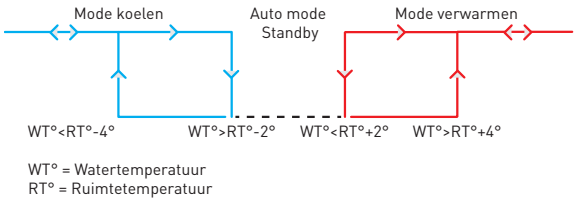
Configuration Code: see the product label on the device

### Setup and operation

The module is factory assembled and tested according to the product configuration.

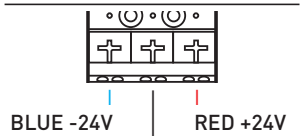
**Basic settings water temperature set point:**

**Operation:**




❄ Fan start when supply water T° <19°C  🔥 Fan start when supply water T° >32°C

### Connection



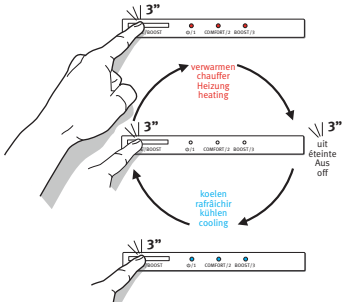

| Manually adjusting settings: | | Pag. |
|---|---|---|
| Adjusting fan speed | Table 1B: fan speed | 6 |
| Adjusting water temperature set point | Table 2: adjusting min. water temperature heating | 7 |
| | Table 3: adjusting max. water temperature cooling | |

### Put the controller in the desired mode with the control panel

**Mode** /

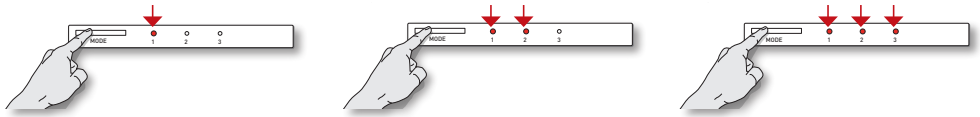
Press button until the desired mode is reached (± 3 sec.)

- When AUTO CHANGE OVER mode the controller itself will select the desired operation mode. The user can always choose MANUALLY a different mode of operation.

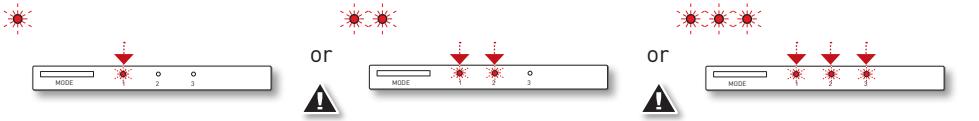



### How to use

• Speed 1 • • Speed 2 • • • Speed 3

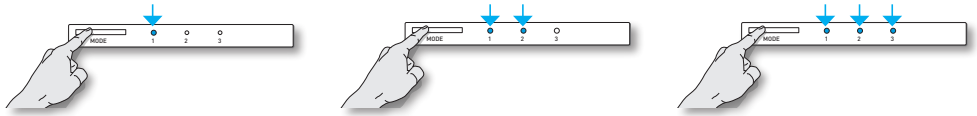


**Water temperature < 32°: Leds flashing every 3"**

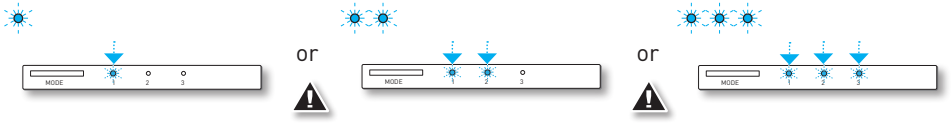



### How to use

• Speed 1 • • Speed 2 • • • Speed 3



**Water temperature is too high: Leds flashing every 3"**



# BRIZA JDPC.001 Dynamic Product Controller: Table 1

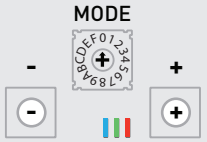
## 1A Adjusting Fan speed

| SPEED %: | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| only for Mode 1-2-7-C > | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |

\- ⟷ +

(MIN) The blue LED blinks fast — The red LED blinks fast (MAX)

**Adjusting the Fan speed:**
- short press "-" or "+" to adjust the speed of the motor(s).
- after the adjustment of the speed, the fans will run for 30" in order to control, irrespective of the water temperature. The water-temperature sensor will not respond during this time (position 2, 4, 6 or 7). Any modification will be automatically stored in the internal (EE PROM) memory.




**!!** The JDPC controller returns back into normal mode after 30" and will automatically save all modified settings **!!**

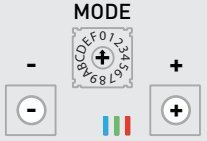
## 1B With control panel: Adjusting Fan speed

| | | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Speed 1 | | | | | | | | | | | | | | | | | |
| | Speed 2 | | | | | | | | | | | | | | | | | |
| Speed %: | Speed 3 | | | | | | | | | | | | | | | | | |
| | Speed 1 | | | | | | | | | | | | | | | | | |
| | Speed 2 | | | | | | | | | | | | | | | | | |
| Speed %: | Speed 3 | | | | | | | | | | | | | | | | | |

\- ⟷ +

(MIN) The blue LED blinks fast — The red LED blinks fast (MAX)

**Adjusting the Fan speed:**
- short press "-" or "+" to adjust the speed of the motor(s).
- after the adjustment of the speed, the fans will run for 30" in order to control, irrespective of the water temperature. The water-temperature sensor will not respond during this time (position 2, 4, 6 or 7). Any modification will be automatically stored in the internal (EE PROM) memory.




**!!** The JDPC controller returns back into normal mode after 30" and will automatically save all modified settings **!!**

Fan speed factory settings



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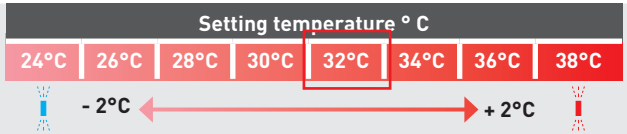
# BRIZA JDPC.001 Dynamic Product Controller: Table 2 / Table 3

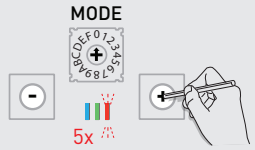
## Setting the water temperature

### 2 Setting the minimum water temperature heating (default => 32 ° C)

**A**




Press and hold the (+) button until the red LED flashes 5 times.




**B**

**Increasing temperature**
Briefly press **(+): the temperature increases** by one step 2 ° C. If the maximum temperature is reached, the red LED flashes rapidly.

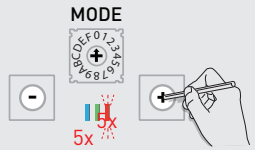
**Decrease temperature**
Briefly press **(-): the temperature decreases** by one step 2 ° C. If the minimum temperature is reached, the blue LED will flash rapidly..
After 30 ´, the JDPC module returs to normal mode.

**Automatic control:**
The green LED lights when the water temperature exceeds the set temperature. This indicates that the supply water is hot.

Each adjustment is stored in the internal (EE PROM) memory.

**C**

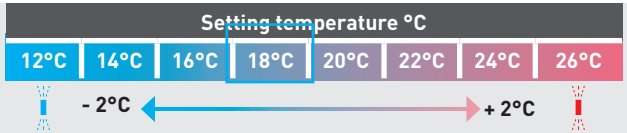
Exit setup mode by holding the "+" button until the red LED blinks 5x.



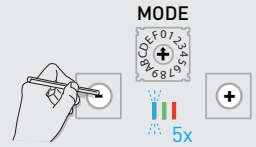

**The** JDPC controller returns back into normal mode after 30" and will automatically save all modified settings !!

### 3 Setting the maximum temperature of cooling water (default = <18°C)

**A**




Press and hold the (+) button until the blue LED flashes 5 times.




**B**

**Increasing temperature**
Briefly press **(+): the temperature increases** by one step 2 ° C. If the maximum temperature is reached, the red LED flashes rapidly.

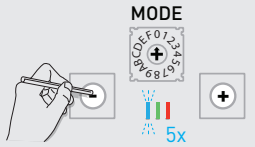
**Decrease temperature**
Briefly press **(-): the temperature decreases** by one step 2 ° C. If the minimum temperature is reached, the blue LED will flash rapidly..
After 30 ´, the JDPC module returs to normal mode.

**Automatic control:**
The green LED lights when the water temperature is lower than the set temperature. This indicates that the supply water temperature is colder.

Each adjustment is stored in the internal (EE PROM) memory.

**C**

Exit setup mode by holding the "+" button until the blue LED blinks 5x.




**The** JDPC controller returns back into normal mode after 30" and will automatically save all modified settings !!

default factory temperature setting

## Reset to Factory Default

1. Turn off power
   - press and hold both "-" and "+" buttons simultaneously.
2. Turn power on. Press and hold both "-" and "+" buttons simultaneously until the blue LED light is blinking. After 2 "the green LED will light and then after 4", the red LED.
3. The controller will return to Factory Default settings, all LEDs will flash for 8 "

⚠ Attention: Doing so will erase all of the data, settings, and applications and reset the controller to the original factory settings !!

## Warning

**This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.**

**Children should be supervised to ensure that they do not play with the product.**

Entitlement to warranty is cancelled in case of:

- errors or damage resulting from not following the assembly, cleaning or user instructions supplied by the manufacturer,
- wrong, improper and/or irresponsible use or treatment of the device,
- wrong or incompetent repairs and defects due to external factors,
- self-applied changes to the device.
- equipment that is built in, in a way that it cannot be reached normally.

If you have any questions or complaints, please contact your supplier or installer.

The copyright of these instructions is the property of the company Jaga Inc.

**Please follow these instructions carefully in order to allow for an error-free installation and a carefree use.**

27200.24100011 - October 5, 2015 3:14 PM - Jaga N.V.